INTERNATIONAL SEARCH REPORT

iational Application No

A. CLASSIF IPC 7	CATION OF SUBJECT MATTER G01F1/84								
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS S	SEARCHED cumentation searched (classification system followed by classification	symbols)							
IPC 7									
Documentati	on searched other than minimum documentation to the extent that suc	th documents are included in the fields sea	arched						
Electronic da	ata base consulted during the international search (name of data base	and, where practical, search terms used)							
EPO-In	ternal								
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with Indication, where appropriate, of the relev	ant passages	Relevant to claim No.						
А	US 6 487 507 B1 (MANSFIELD WILLIAM M ET AL) 26 November 2002 (2002-11-26) column 5, line 43 - column 8, line 63; figures 1-3		1–19						
A	US 6 456 057 B1 (ZOLOCK MICHAEL JOAL) 24 September 2002 (2002-09-24) column 8, line 1 - column 10, line figure 3)	1-19						
A	EP 1 202 139 A (FOXBORO CORP) 2 May 2002 (2002-05-02) column 1, line 57 - column 2, line figure 1	e 33;	1,8,15						
Further documents are listed in the continuation of box C. Patent family members are listed in annex.									
"A" docum consi "E" earlier filing "L" docum which citatia "O" docum other "P" docum later	nent defining the general state of the art which is not idered to be of particular relevance document but published on or after the international date entert which may throw doubts on priority claim(s) or in is cited to establish the publication date of another on or other special reason (as specified) enent referring to an oral disclosure, use, exhibition or reason published prior to the international filling date but	"T" later document published after the intor priority date and not in conflict with cited to understand the principle or the invention. "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the described of the cannot be considered to involve an inventive step when the document is combined with one or ments, such combined with one or ments, such combination being obvicin the art. "&" document member of the same patent Date of mailing of the international se	the application but every underlying the claimed invention of the considered to occurrent is taken alone claimed invention wentive step when the one other such docurous to a person skilled						
	9 September 2004	16/09/2004							
Name and	I mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer							
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Heinsius, R							

IIN I ENINA I IUINAL SEANUTI NEFUN I

Information on patent family members

/US 03/31027

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6487507	B1	. 26-11-2002	AU BR CA CN EP JP PL WO	7717600 A 0014771 A 2387782 A1 1382253 T 1221023 A1 2003512612 T 354659 A1 0129519 A1	30-04-2001 18-06-2002 26-04-2001 27-11-2002 10-07-2002 02-04-2003 09-02-2004 26-04-2001
US 6456057	B1	24-09-2002	CN EP JP WO	1484753 T 1332340 A2 2004514880 T 0242211 A2	24-03-2004 06-08-2003 20-05-2004 30-05-2002
EP 1202139	Α	02-05-2002	EP US	1202139 A1 2002064011 A1	02-05-2002 30-05-2002